

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below, next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHOD AND APPARATUS FOR TIMELY DELIVERY
OF A BYTE CODE AND SERIALIZED OBJECTS STREAM

the specification of which

XXX is attached hereto.
was filed on June 26, 1998 as
Application Serial No. 09/105,963
and was amended on _____
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I do not know and do not believe that the same was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, and that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to this application.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			<u>Priority Claimed</u>	
<u>(Number)</u>	<u>(Country)</u>	<u>(Day/Month/Year Filed)</u>	<u>Yes</u>	<u>No</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>(Application Serial No.)</u>	<u>(Filing Date)</u>	<u>(Status -- patented, pending, abandoned)</u>
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I hereby appoint HECKER & HARRIMAN, a firm including: Gary A. Hecker, Reg. No. 31,023; J.D. Harriman II, Reg. No. 31,967; Frank M. Weyer, Reg. No. 33,050; Carole A. Quinn, Reg. No. 39,000; Ross D. Snyder, Reg. No. 37,730; Jason S. Feldmar, Reg. No. 39,187; and Todd N. Snyder (Patent Agent), Reg. No. 41,320, with offices located at 1925 Century Park East, Suite 2300, Los Angeles, California 90067, telephone (310) 286-0377, and of SUN MICROSYSTEMS, INC.: Kenneth Olsen, Reg. No. 26,493; Matthew C. Rainey, Reg. No. 32,291; Erwin J. Basinski, Reg. No. 34,773; Timothy J. Crean, Reg. No. 37,116; Philip J. McKay, Reg. No. 38,966; Robert S. Hauser, Reg. No. 37,847; Patrick J.S. Inouye, Reg. No. 40,297, Joseph T. FitzGerald, Reg. No. 33,881 and Alexander E. Silverman, Reg. No. 37,940 with offices located at 901 San Antonio Road, M/SPAL01-521, Palo Alto, California 94303, as my attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole Inventor VISWANATHAN SWAMINATHAN

Inventor's Signature *V. Swaminathan* Date July 21, 1998

Residence UNION CITY, CALIFORNIA Citizenship INDIA
(City, State) (Country)

Post Office Address 1501, DECOTO ROAD, #183
UNION CITY, CA 94587

Full Name of Sole Inventor GERARD FERNANDO

Inventor's Signature _____ Date _____

Residence _____ (City, State) _____ Citizenship _____ (Country) _____

Post Office Address _____

Full Name of Sole Inventor MICHAEL SPEER

Inventor's Signature _____ Date _____

Residence _____ (City, State) _____ Citizenship _____ (Country) _____

Post Office Address _____

CERTIFICATE OF MAILING

This is to certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as Express Mail Label No. EL111264482US in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on:

September 23, 1998

Signature

Date

Mario Federis

09/23/98

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Full Name of Sole Inventor VISWANATHAN SWAMINATHAN

Inventor's Signature _____ Date _____

Residence _____ (City, State) _____ Citizenship _____ (Country)

Post Office Address _____

Full Name of Sole Inventor GERARD FERNANDOInventor's Signature *[Signature]* Date 7/21/98Residence MOUNTAIN VIEW, CA (City, State) Citizenship U.K. (Country)Post Office Address 142 WAVERLY PL
MOUNTAIN VIEW, CA 94040Full Name of Sole Inventor MICHAEL SPEER

Inventor's Signature _____ Date _____

Residence _____ (City, State) Citizenship _____ (Country)

Post Office Address _____

CERTIFICATE OF MAILING

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Inventor's Signature _____ Date _____

Residence _____ (City, State) _____ Citizenship _____ (Country)

Post Office Address _____

Full Name of Sole Inventor GERARD FERNANDO

Inventor's Signature _____ Date _____

Residence _____ (City, State) Citizenship _____ (Country)

Post Office Address _____

_____Full Name of Sole Inventor MICHAEL SPEERInventor's Signature Michael Speer Date July 21st 1998Residence Mtn View, CA (City, State) Citizenship USA (Country)Post Office Address 466 Baywood Court
Mtn View, CA 94040

CERTIFICATE OF MAILING

This is to certify that this correspondence is being deposited with
the United States Postal Service with sufficient postage as
Express Mail Label No. EL1112644820S
in an envelope addressed to: Assistant Commissioner for Patents,
Washington, D.C. 20231 on:

September 23, 1998

Signature _____
Mario FederisDate _____
09/23/98



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

FEBRUARY 02, 1999

PTAS

HECKER & HARRIMAN
J.D. HARRIMAN II
1925 CENTURY PARK EAST
SUITE 2300
LOS ANGELES, CA 90067



100848907A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/05/1998

REEL/FRAME: 9497/0721
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
SWAMINATHAN, VISWANATHAN

DOC DATE: 07/21/1998

ASSIGNOR:
FERNANDO, GERARD

DOC DATE: 07/21/1998

ASSIGNOR:
SPEER, MICHAEL

DOC DATE: 07/21/1998

ASSIGNEE:
SUN MICROSYSTEMS, INC.
901 SAN ANTONIO ROAD
M/S PAL01-521
PALO ALTO, CALIFORNIA 94303

SERIAL NUMBER: 09105963
PATENT NUMBER:

FILING DATE: 06/26/1998
ISSUE DATE:



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9497/0721 PAGE 2

SHIRLIE SIMON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

10-14-1998

FORM PTO-1595
(Rev. 6-93)

RE



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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

OMB No. 0651-0011 (exp. 4/94)

RECEIVED

To The Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

VISWANATHAN SWAMINATHAN
GERARD FERNANDO
MICHAEL SPEERAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: SUN MICROSYSTEMS/INCORPORATEDInternal Address: M/S PALO1-521Street Address: 901 San Antonio RoadCity: Palo Alto State: CA Zip: 94303Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____Execution Date: July 21, 19984. Application number(s) or patent number(s): 09/105,963, filed June 26, 1998

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence

concerning document should be mailed:

Name: J. D. HARRIMAN IIInternal Address: HECKER & HARRIMANStreet Address: 1925 CENTURY PARK EASTSUITE 2300City LOS ANGELES State CA Zip 900676. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$ 40.00☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

08-1520

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

J. D. HARRIMAN II

Name of Person Signing

Signature

September 30, 1998

Date

Total number of pages including cover sheet, attachments, and document: 5

10/09/1998 DMSUYEN 00000102 09105963

01 FC1581

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks, Box Assignments
Washington, D.C. 20231

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, We, the undersigned, Viswanathan Swaminathan, Gerard Fernando, and Michael Speer, hereby sell, assign, and transfer to: SUN MICROSYSTEMS, INC., a corporation of Delaware, having a principal place of business at: 901 San Antonio Road, Palo Alto, California 94303 ("Assignee") its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent

☐ which has been executed by the undersigned concurrently herewith,

☒ which was filed June 26, 1998 and assigned Serial No. 09/105,963

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Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: _____, 1998

Name: VISWANATHAN SWAMINATHAN

Date: _____, 1998

Name: GERARD FERNANDO

Date: July 21st, 1998, 1998

Name: MICHAEL SPEER

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S. Viswanathan
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Date: _____, 1998

Name: GERARD FERNANDO

Date: _____, 1998

Name: MICHAEL SPEER